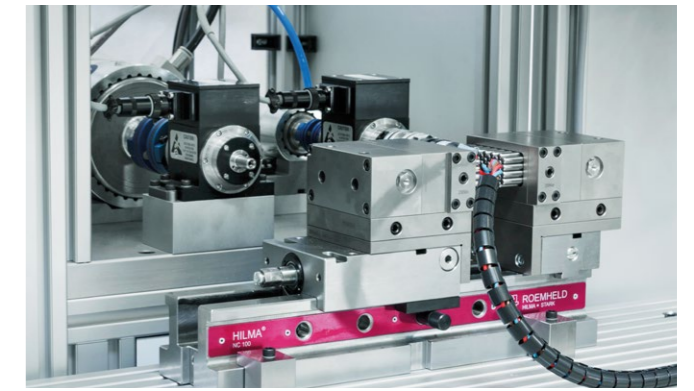
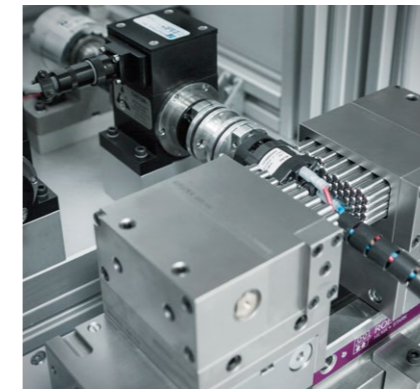
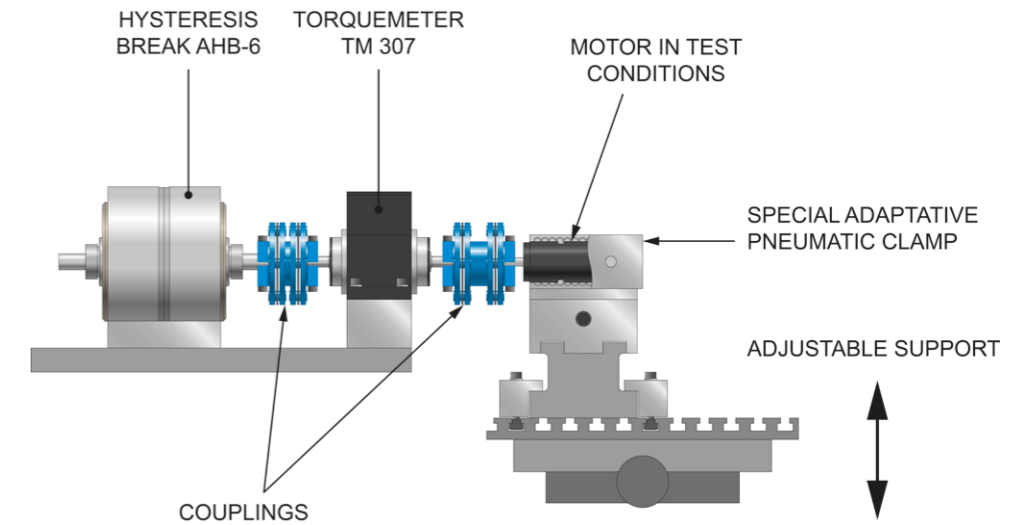




MAGTROL

CUSTOM MOTOR TEST SYSTEM



DOUBLE LINES CUSTOMIZED MOTOR TEST BENCH

MAGTROL HAS SUPPLIED A WORLD-WIDE LEADER OF HOBBY TOOL, CHAIN-SAW AND LAWNMOWER MANUFACTURING WITH A FLEXIBLE CUSTOMIZED MOTOR TESTING SYSTEM INCLUDING 2 PARALLEL TESTING LINES WITH 0.3 N·M AND 6 N·M NOMINAL RANGES.

Each line is comprised of a Magtrol Inline TM Torque Sensor and AHB Air Cooled Brake mounted on the test bench. An X - Y cross table fixed on a Z vertical slide accommodates and adjusts each of the testing lines to the motor or tool under test.

A modular and flexible clamping system enables holding of testing samples with complex geometries and body shapes. The safety of the bench is fully assured by protection doors which cannot be opened during operation. A connection box located inside the bench cabinet allows the measuring connections to be located near the motor under test. A Control rack integrates all the measuring and control instruments as well as PC, monitor and keyboard. It includes a high-end Yokogawa WT1800 power analyzer, precision ohmmeters and a 100 VDC / 75 Amp power supply.

Easy to use, Magtrol M-Test Software enables the user to quickly set test parameters and sequences in torque or speed control, curve mode, closed loop or open loop. Test setups can be saved and recalled any time. It allows the acquisition of complete testing data (torque, speed, current, efficiency, power input, power output, temperature, resistance), temperature rise and related data during motor operation. M-TEST has the flexibility to test a variety of motors in a multitude of configurations. The data generated from this user-friendly program can be stored, displayed and printed in tabular, graphical formats or universal data reports and is easily imported into a spreadsheet. Clear and professional reports can be issued.

Need specific Motor Testing ? Do not hesitate to challenge us !